

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Zonal Data

05/20/2004

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	53.93	39.55	34.42	33.01	34.65	43.93	56.04	66.26	72.47	73.52	74.78	76.52	78.41	77.34	75.79	75.15	74.63	73.36	72.35	71.93	72.60	66.85	60.52	55.42
61757	2.77	2.17	1.80	1.73	1.79	2.36	2.92	2.23	3.25	3.70	3.76	4.04	4.12	4.13	3.64	3.52	3.49	3.54	3.09	3.00	3.20	2.63	2.25	3.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	49.53	36.07	31.57	30.31	31.80	40.23	51.83	62.95	68.06	68.95	70.15	71.56	73.37	72.50	71.11	70.43	69.91	68.52	67.38	66.94	68.03	63.30	57.37	50.69
61754	-1.63	-1.31	-1.05	-0.97	-1.06	-1.34	-1.29	-1.08	-1.16	-0.87	-0.87	-0.92	-0.92	-0.71	-1.04	-1.20	-1.23	-1.30	-1.88	-1.99	-1.37	-0.92	-0.90	-1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	54.33	39.81	34.64	33.19	34.83	44.02	56.52	67.68	74.27	75.48	76.84	78.57	80.60	79.51	78.93	78.36	77.90	76.45	75.08	74.51	74.88	68.52	61.82	55.92
61760	3.17	2.43	2.02	1.91	1.97	2.45	3.40	3.65	5.05	5.66	5.82	6.09	6.31	6.30	6.78	6.73	6.76	6.63	5.82	5.58	5.48	4.30	3.55	3.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	48.98	35.55	31.34	30.16	31.54	39.74	51.00	62.33	67.48	68.79	69.86	71.23	73.10	72.25	69.55	68.80	68.21	66.78	65.30	64.79	67.22	62.84	56.70	50.11
61753	-2.18	-1.83	-1.28	-1.12	-1.32	-1.83	-2.12	-1.70	-1.74	-1.03	-1.16	-1.25	-1.19	-0.96	-2.60	-2.83	-2.93	-3.04	-3.96	-4.14	-2.18	-1.38	-1.57	-2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	50.85	37.16	32.42	31.06	32.70	41.02	52.80	63.90	68.67	68.84	70.03	71.47	73.25	72.04	71.00	70.56	70.07	68.84	68.84	68.65	68.84	63.83	58.04	51.84
61844	-0.31	-0.22	-0.20	-0.22	-0.16	-0.17	-0.32	-0.13	-0.55	-0.98	-0.99	-1.01	-1.04	-1.17	-1.15	-1.07	-1.07	-0.98	-0.42	-0.28	-0.56	-0.39	-0.23	-0.42
	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	53.42	39.15	34.07	32.64	34.27	43.29	55.61	66.35	72.77	73.89	75.34	76.91	78.90	77.83	77.61	77.05	76.58	75.16	73.87	73.34	73.43	67.12	60.52	54.90
61758	2.26	1.77	1.45	1.36	1.41	1.72	2.49	2.32	3.55	4.07	4.32	4.43	4.61	4.62	5.46	5.42	5.44	5.34	4.61	4.41	4.03	2.90	2.25	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	57.74	56.02	54.90	54.74	54.92	54.79	57.66	69.19	75.68	77.34	78.68	81.52	82.20	81.17	82.35	82.37	83.52	82.24	83.31	82.24	89.79	79.17	72.48	64.85
61762	4.34	3.33	2.84	2.66	2.75	3.47	4.54	4.82	6.46	7.17	7.32	7.55	7.91	7.96	8.12	8.08	8.08	7.89	7.06	6.82	6.75	5.44	4.76	4.81
	-2.24	-15.31	-19.44	-20.80	-19.31	-9.75	0.00	-0.34	0.00	-0.35	-0.34	-1.49	0.00	0.00	-2.08	-2.66	-4.30	-4.53	-6.99	-6.49	-13.64	-9.51	-9.45	-7.78
MHK VL	51.32	37.39	32.61	31.26	32.86	41.71	53.65	64.73	69.90	70.60	72.04	73.45	75.18	74.04	72.88	72.34	71.82	70.49	69.79	69.46	70.10	64.88	58.78	52.55
61756	0.16	0.01	-0.01	-0.02	0.00	0.14	0.53	0.70	0.68	0.78	1.02	0.97	0.89	0.83	0.73	0.71	0.68	0.67	0.53	0.53	0.70	0.66	0.51	0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	53.59	39.27	34.19	32.73	34.35	43.42	55.75	66.65	73.13	74.28	75.67	77.30	79.30	78.25	77.74	77.18	76.72	75.26	73.96	73.44	73.73	67.46	60.86	55.11
61759	2.43	1.89	1.57	1.45	1.49	1.85	2.63	2.62	3.91	4.46	4.65	4.82	5.01	5.04	5.59	5.55	5.58	5.44	4.70	4.51	4.33	3.24	2.59	2.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	54.94	40.26	35.04	33.56	35.22	44.48	57.18	73.61	79.07	79.71	80.32	81.27	82.37	81.73	81.40	84.75	84.29	81.58	78.26	77.49	78.43	73.70	67.43	56.60
61761	3.78	2.88	2.42	2.28	2.36	2.91	4.06	4.41	5.91	6.61	6.86	7.09	7.34	7.33	7.79	7.73	7.72	7.62	6.67	6.45	6.41	5.12	4.32	4.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.17	-3.94	-3.28	-2.44	-1.70	-0.74	-1.19	-1.46	-5.39	-5.43	-4.14	-2.33	-2.11	-2.62	-4.36	-4.84	0.00
NORTH	49.98	36.50	31.85	30.51	32.18	40.82	52.16	63.15	67.31	67.51	68.70	70.11	71.79	70.34	69.38	69.16	68.70	67.50	67.73	67.58	67.69	62.75	57.17	50.91
61755	-1.18	-0.88	-0.77	-0.77	-0.68	-0.75	-0.96	-0.88	-1.91	-2.31	-2.32	-2.37	-2.50	-2.87	-2.77	-2.47	-2.44	-2.32	-1.53	-1.35	-1.71	-1.47	-1.10	-1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	53.82	39.40	34.32	32.88	34.50	43.31	55.83	66.40	72.61	73.66	75.00	76.61	78.52	77.53	76.55	76.00	75.48	74.15	73.00	72.58	73.01	67.05	60.66	55.19
61845	2.66	2.02	1.70	1.60	1.64	2.12	2.71	2.37	3.39	3.84	3.98	4.13	4.23	4.32	4.40	4.37	4.34	4.33	3.74	3.65	3.61	2.83	2.39	2.93
	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PJH 61846	45.74 <span>-5.42</span> <span>0.00</span>	32.89 <span>-4.49</span> <span>0.00</span>	29.03 <span>-3.59</span> <span>0.00</span>	28.00 <span>-3.28</span> <span>0.00</span>	29.21 <span>-3.65</span> <span>0.00</span>	36.37 <span>-4.82</span> <span>0.38</span>	46.16 <span>-6.96</span> <span>0.00</span>	57.50 <span>-6.53</span> <span>0.00</span>	62.09 <span>-7.13</span> <span>0.00</span>	63.54 <span>-6.28</span> <span>0.00</span>	64.41 <span>-6.61</span> <span>0.00</span>	65.38 <span>-7.10</span> <span>0.00</span>	67.16 <span>-7.13</span> <span>0.00</span>	66.47 <span>-6.74</span> <span>0.00</span>	64.57 <span>-7.58</span> <span>0.00</span>	63.82 <span>-7.81</span> <span>0.00</span>	63.24 <span>-7.90</span> <span>0.00</span>	62.00 <span>-7.82</span> <span>0.00</span>	60.33 <span>-8.93</span> <span>0.00</span>	59.83 <span>-9.10</span> <span>0.00</span>	61.56 <span>-7.84</span> <span>0.00</span>	57.99 <span>-6.23</span> <span>0.00</span>	52.38 <span>-5.89</span> <span>0.00</span>	46.09 <span>-6.17</span> <span>0.00</span>
PJM 61847	46.40 <span>-4.76</span> <span>0.00</span>	33.57 <span>-3.81</span> <span>0.00</span>	29.62 <span>-3.00</span> <span>0.00</span>	28.71 <span>-2.57</span> <span>0.00</span>	30.00 <span>-2.86</span> <span>0.00</span>	37.24 <span>-3.95</span> <span>0.38</span>	50.04 <span>-3.08</span> <span>0.00</span>	61.60 <span>-2.43</span> <span>0.00</span>	67.49 <span>-1.73</span> <span>0.00</span>	68.91 <span>-0.91</span> <span>0.00</span>	69.95 <span>-1.07</span> <span>0.00</span>	71.10 <span>-1.38</span> <span>0.00</span>	73.18 <span>-1.11</span> <span>0.00</span>	73.21 <span>0.00</span> <span>0.00</span>	71.43 <span>-0.72</span> <span>0.00</span>	70.63 <span>-1.00</span> <span>0.00</span>	70.00 <span>-1.14</span> <span>0.00</span>	69.05 <span>-0.77</span> <span>0.00</span>	65.45 <span>-3.81</span> <span>0.00</span>	65.00 <span>-3.93</span> <span>0.00</span>	67.25 <span>-2.15</span> <span>0.00</span>	63.26 <span>-0.96</span> <span>0.00</span>	56.00 <span>-2.27</span> <span>0.00</span>	48.29 <span>-3.97</span> <span>0.00</span>
WEST 61752	45.98 <span>-5.18</span> <span>0.00</span>	33.11 <span>-4.27</span> <span>0.00</span>	29.26 <span>-3.36</span> <span>0.00</span>	28.23 <span>-3.05</span> <span>0.00</span>	29.47 <span>-3.39</span> <span>0.00</span>	36.98 <span>-4.59</span> <span>0.00</span>	46.99 <span>-6.13</span> <span>0.00</span>	58.62 <span>-5.41</span> <span>0.00</span>	63.57 <span>-5.65</span> <span>0.00</span>	65.08 <span>-4.74</span> <span>0.00</span>	65.99 <span>-5.03</span> <span>0.00</span>	66.97 <span>-5.51</span> <span>0.00</span>	68.87 <span>-5.42</span> <span>0.00</span>	68.36 <span>-4.85</span> <span>0.00</span>	66.43 <span>-5.72</span> <span>0.00</span>	65.63 <span>-6.00</span> <span>0.00</span>	65.00 <span>-6.14</span> <span>0.00</span>	63.78 <span>-6.04</span> <span>0.00</span>	61.63 <span>-7.63</span> <span>0.00</span>	61.13 <span>-7.80</span> <span>0.00</span>	63.02 <span>-6.38</span> <span>0.00</span>	59.35 <span>-4.87</span> <span>0.00</span>	53.38 <span>-4.89</span> <span>0.00</span>	46.66 <span>-5.60</span> <span>0.00</span>